USB Virtual 5.1 Channel Sound Adapter
User's Manual

Product Overview

USB Virtual 5.1 Channel Sound Adapter is a highly flexible audio interface. By using USB Hot-swap technology it can be use either on Desktop or Notebook. Enclose with "Xear 3D Sound" simulation software, it turns your stereo speaker or earphone in to 5.1 channel envelopment. Further no drivers were required just plug and play for instant audio playback, also compatible on all major operation systems.

Features

- Compliant with USB specification v1.1 full speed operation
- Compliant with USB audio device class specification v1.0
- USB bus powered 500mA operation with suspend mode support
- Single 12MHz crystal input with on-chip PLL and embedded USB transceiver
- USB audio function topology has 1 input terminal, 1 output terminal, and 1 feature unit
- Alternate zero bandwidth setting for releasing bandwidth on USB bus during inactive operation
- Isochronous transfer using adaptive synchronization with internal PLL
- High performance 48KHz sampling rate for audio playback
- Embedded high performance 16 bit audio DAC
- Embedded power on reset block
- Single 5V external power supply with internal power regulation
- Include Xear 3D Sound Simulation Software.

Specifications

Product name:	**USB Virtual 5.1 Channel Sound Adapter**
Interface:	**USB 1.1**
Connector:	**1 x USB A type** **1 x Audio Sound Jack**
Data transfer rate:	**Up to 12 Mbps**
OS support:	**Win 98SE/ME/2000/XP** **Mac OS9/OSX**
Power Mode:	**Bus power**
Dimension: (LxWxH)	**60mm X 25mm x 8mm**
Certification:	**CE, FCC Certified**
Package content:	**1 x USB Virtual 5.1 Channel Sound Adapter**
Optional Item:	**USB Extension Cable (45cm)**

Hardware installation for Win98/ME/2000/XP & MAC OS

1. Simply insert USB Sound adapter in to a free USB port in your PC or Notebook. Computer will detect it automatically, no driver were required.

2. Connect earphone or stereo speaker in to the USB sound adapter and it is now perform Channel Stereo Sound.

3. To perform Vertual 5.1 channel sound effect please follow the Software installation Guide below.

Xear 3D Sound" simulation software Installation Guide

1. Make sure USB Sound adapter in connected in to your computer.

2. Insert the Software CD in to CD-ROM Drive.

3. Select folder " Xear 3D " Than Click' Setup."

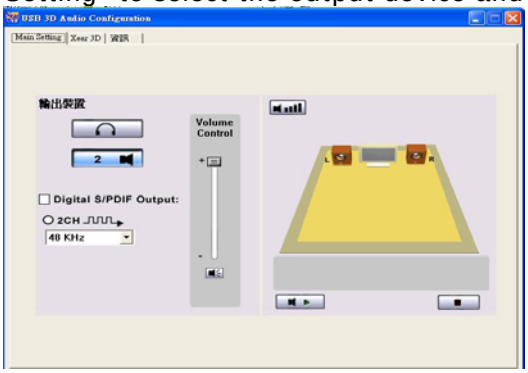
4. If error sign appears please Plug-in USB Sound Adapter in to your Computer.

5. When installation complete click “finish” and restart your computer.

6. Go to “Control panel” in your computer, Click Xear USB icon to perform virtual USB5.1 Channel sound setting.

Note: Xear software only active when USB Sound adapter was connected in your Computer.

7. Click “Main Setting” to select the output device and Volume.



8. Click “Xear 3D” to setup virtual sound effect.